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| | |
|---------|---------|
| 476.525 | 479.525 |
| 476.550 | 479.550 |
| 476.575 | 479.575 |
| 476.600 | 479.600 |
| 476.625 | 479.625 |
| 476.650 | 479.650 |
| 476.675 | 479.675 |
| 476.700 | 479.700 |
| 476.725 | 479.725 |
| 476.750 | 479.750 |
| 476.775 | 479.775 |
| 476.800 | 479.800 |
| 476.825 | 479.825 |
| 476.850 | 479.850 |
| 476.875 | 479.875 |
| 476.900 | 479.900 |
| 477.000 | 480.000 |
| 477.025 | 480.025 |
| 477.075 | 480.075 |
| 477.100 | 480.100 |
| 477.125 | 480.125 |
| 477.150 | 480.150 |
| 477.175 | 480.175 |
| 477.200 | 480.200 |
| 477.225 | 480.225 |
| 477.250 | 480.250 |
| 477.275 | 480.275 |
| 477.300 | 480.300 |
| 477.325 | 480.325 |
| 477.350 | 480.350 |
| 477.375 | 480.375 |
| 477.400 | 480.400 |
| 477.425 | 480.425 |
| 477.450 | 480.450 |
| 477.475 | 480.475 |
| 477.500 | 480.500 |
| 477.525 | 480.525 |
| 477.550 | 480.550 |
| 477.575 | 480.575 |
| 477.600 | 480.600 |
| 477.625 | 480.625 |
| 477.650 | 480.650 |
| 477.675 | 480.675 |
| 477.700 | 480.700 |
| 477.725 | 480.725 |
| 477.750 | 480.750 |
| 477.775 | 480.775 |
| 477.800 | 480.800 |
| 477.825 | 480.825 |
| 477.850 | 480.850 |
| 477.875 | 480.875 |
| 477.900 | 480.900 |
| 477.925 | 480.925 |
| 477.950 | 480.950 |
| 477.975 | 480.975 |

[59 FR 59507, Nov. 17, 1994; 60 FR 9891, Feb. 22, 1995]

§ 22.1009 Transmitter locations.

The rules in this section establish limitations on the locations from which stations in the Offshore Radiotelephone Service may transmit.

(a) *All stations.* Offshore stations must not transmit from locations out-

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side the boundaries of the appropriate zones specified in § 22.1007. Offshore stations must not transmit from locations within 241 kilometers (150 miles) of any full-service television station that transmits on the TV channel containing the channel on which the offshore station transmits.

(b) *Airborne subscriber stations.* Airborne subscriber stations must not transmit from altitudes exceeding 305 meters (1000 feet) above mean sea level. Airborne mobile stations in Zone A must not transmit from locations within 129 kilometers (80 miles) of Lake Charles, Louisiana. Airborne mobile stations in Zone B must not transmit from locations within 129 kilometers (80 miles) of Lafayette, Louisiana. Airborne mobile stations in Zone C must not transmit from locations within 129 kilometers (80 miles) of Corpus Christi or locations within 129 kilometers (80 miles) of Houston, Texas.

§ 22.1011 Antenna height limitations.

The antenna height of offshore stations must not exceed 61 meters (200 feet) above mean sea level. The antenna height of offshore surface mobile stations must not exceed 10 meters (30 feet) above the waterline.

§ 22.1013 Effective radiated power limitations.

The effective radiated power (ERP) of transmitters in the Offshore Radiotelephone Service must not exceed the limits in this section.

(a) *Maximum power.* The ERP of transmitters in this service must not exceed 1000 Watts under any circumstances.

(b) *Mobile transmitters.* The ERP of mobile transmitters must not exceed 100 Watts. The ERP of mobile transmitters, when located within 32 kilometers (20 miles) of the 4.8 kilometer (3 mile) limit, must not exceed 25 Watts. The ERP of airborne mobile stations must not exceed 1 Watt.

(c) *Protection for TV Reception.* The ERP limitations in this paragraph are intended to reduce the likelihood that interference to television reception from offshore radiotelephone operations will occur.

(1) *Co-channel protection.* The ERP of offshore stations must not exceed the

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limits in Table I-1 of this section. The limits depend upon the height above mean sea level of the offshore transmitting antenna and the distance between the antenna location of the offshore transmitter and the antenna location of the main transmitter of the nearest full-service television station that transmits on the TV channel containing the channel on which the offshore station transmits.

(2) *Adjacent channel protection.* The ERP of offshore stations located within 128.8 kilometers (80 miles) of the main transmitter antenna of a full service TV station that transmits on a TV channel adjacent to the TV channel which contains the channel on which the offshore station transmits must not exceed the limits in the Table I-2 of § 22.1015. The limits depend upon the height above mean sea level of the offshore transmitting antenna and the distance between the location of the offshore transmitter and the 4.8 kilometer (3 mile) limit.

TABLE I-1—MAXIMUM ERP (WATTS)

| Distance | 30 meters (100 feet) | 45 meters (150 feet) | 61 meters (200 feet) |
|-----------------------|-------------------------|-------------------------|-------------------------|
| 338 km (210 mi) | 1000 | 1000 | 1000 |
| 330 km (205 mi) | 1000 | 900 | 800 |
| 2 km (200 mi) | 800 | 710 | 630 |
| 314 km (195 mi) | 590 | 520 | 450 |
| 306 km (190 mi) | 450 | 400 | 330 |
| 298 km (185 mi) | 320 | 280 | 240 |
| 290 km (180 mi) | 250 | 210 | 175 |
| 282 km (175 mi) | 180 | 150 | 130 |
| 274 km (170 mi) | 175 | 110 | 100 |
| 266 km (165 mi) | 95 | 80 | 70 |
| 258 km (160 mi) | 65 | 55 | 50 |
| 249 km (155 mi) | 50 | 40 | 35 |
| 241 km (150 mi) | 35 | 30 | 25 |

§ 22.1015 Repeater operation.

Offshore central stations may be used as repeater stations provided that the licensee is able to maintain control of the station, and in particular, to turn the transmitter off, regardless of whether associated subscriber stations are transmitting at the time.

TABLE I-2—MAXIMUM ERP (WATTS)

| Distance from the 4.8 km (3 mi) limit | 30 meters (100 feet) | 61 meters (200 feet) |
|---------------------------------------|-------------------------|-------------------------|
| 6.4 km (4 mi) | 25 | 6 |
| 8.0 km (5 mi) | 40 | 10 |

TABLE I-2—MAXIMUM ERP (WATTS)—
Continued

| Distance from the 4.8 km (3 mi) limit | 30 meters (100 feet) | 61 meters (200 feet) |
|---------------------------------------|-------------------------|-------------------------|
| 9.7 km (6 mi) | 65 | 15 |
| 11.3 km (7 mi) | 100 | 25 |
| 12.9 km (8 mi) | 150 | 35 |
| 14.5 km (9 mi) | 215 | 50 |
| 16.1 km (10 mi) | 295 | 70 |
| 17.7 km (11 mi) | 400 | 100 |
| 19.3 km (12 mi) | 530 | 130 |
| 20.9 km (13 mi) | 685 | 170 |
| 22.5 km (14 mi) | 870 | 215 |
| 24.1 km (15 mi) | 1000 | 270 |
| 25.7 km (16 mi) | 1000 | 415 |
| 27.4 km (17 mi) | 1000 | 505 |
| 29.0 km (18 mi) | 1000 | 610 |
| 30.6 km (19 mi) | 1000 | 730 |
| 32.2 km (20 mi) | 1000 | 865 |
| 33.8 km (21 mi) | 1000 | 1000 |

§ 22.1025 Permissible communications.

Offshore central stations must communicate only with subscriber stations (fixed, temporary-fixed, mobile and airborne). Offshore subscriber stations must normally communicate only with and through offshore central stations. Stations in the Offshore Radiotelephone Service may communicate through relay stations authorized in this service.

§ 22.1031 Temporary fixed stations.

The FCC may, upon proper application therefor, authorize the construction and operation of temporary fixed stations in the Offshore Radiotelephone service to be used only when the service of permanent fixed stations is disrupted by storms or emergencies or is otherwise unavailable.

(a) *Six month limitation.* If it is necessary for a temporary fixed station to remain at the same location for more than six months, the licensee of that station must apply for authorization to operate the station at the specific location at least 30 days before the end of the six month period.

(b) *International communications.* Communications between the United States and Mexico must not be carried using a temporary fixed station without prior authorization from the FCC. Licensees desiring to carry such communications should apply sufficiently in advance to allow for the time necessary to coordinate with Canada or Mexico.